

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Joseph P. Miller et al.

Confirmation No.:

Application No.: Unassigned

Examiner: Unassigned

Filing Date: 11/24/2003

Group Art Unit:

Title: INTEGRATED CIRCUIT DEVICE/CIRCUIT BOARD CONNECTION APPARATUS

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☒ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV 410034398 US

Date of Deposit 11/24/2003

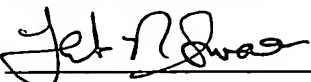
I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: Tait R. Swanson

Respectfully submitted,

Joseph P. Miller et al.

By 

Tait R. Swanson

Attorney/Agent for Applicant(s)

Reg. No. 48,226

Date: 11/24/2003

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200304072-3

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Joseph P. Miller et al.

FILING DATE

Herewith

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	4,800,459	01/24/1989	Takagi et al.	
	1B	5,028,986	07/02/1991	Sugano et al.	
	1C	5,036,431	07/30/1991	Adachi et al.	
	1D	5,239,448	08/24/1993	Perkins et al.	
	1E	5,243,497	09/07/1993	Chiu	
	1F	5,375,035	12/20/1994	Stoddard	
	1G	5,440,699	08/08/1995	Farrand et al.	
	1H	5,459,642	10/17/1995	Stoddard	
	1I	5,477,933	12/26/1995	Nguyen	
	1J	5,481,436	01/02/1996	Werther	
	1K	5,544,017	08/06/1996	Beilin et al.	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	JP3-280487A	12/11/1991	Ishii Kosaku		
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

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	2A	5,701,233	12/23/1997	Carson et al.	
	2B	5,710,693	01/20/1998	Tsukada et al.	
	2C	5,754,405	05/19/1998	Derouiche	
	2D	5,783,870	07/21/1998	Mostafazadeh et al.	
	2E	5,838,551	11/17/1998	Chan	
	2F	5,857,086	01/05/1999	Horan et al.	
	2G	5,859,989	01/12/1999	Olarig et al.	
	2H	5,878,237	03/02/1999	Olarig	
	2I	5,889,970	03/30/1999	Horan et al.	
	2J	5,892,964	04/06/1999	Horan et al.	
	2K	5,907,903	06/01/1999	Ameen et al.	

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	3A	5,923,860	07/13/1999	Olarig	
	3B	5,937,173	08/10/1999	Olarig et al.	
	3C	5,944,809	08/31/1999	Olarig et al.	
	3D	5,974,250	10/26/1999	Angelo et al.	
	3E	6,018,810	01/25/2000	Olarig	
	3F	6,021,466	02/01/2000	Olarig	
	3G	6,061,794	05/09/2000	Angelo et al.	
	3H	6,070,253	05/30/2000	Tavallaei et al.	
	3I	6,098,132	08/01/2000	Olarig et al.	
	3J	6,134,638	10/17/2000	Olarig et al.	
	3K	6,167,476	12/26/2000	Olarig et al.	

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	4A	6,175,889B1	01/16/2001	Olarig	
	4B	6,223,239B1	04/24/2001	Olarig	
	4C	6,230,223B1	05/08/2001	Olarig	
	4D	6,230,225B1	05/08/2001	Olarig et al.	
	4E	6,246,666B1	06/12/2001	Purcell et al.	
	4F	6,252,177B1	06/26/2001	Stoddard	
	4G	6,260,127B1	07/10/2001	Olarig et al.	
	4H	6,360,333B1	03/19/2002	Jansen et al.	
	4I	6,363,449B1	03/26/2002	Sides et al.	
	4J	6,370,657B1	04/09/2002	Jansen et al.	
	4K	6,449,677B1	09/10/2002	Olarig et al.	

FOREIGN PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	5A	4,870,746	10-1989	Klaser, John J.	
	5B	5,177,594	01-1993	Chance et al.	
	5C	5,294,754	03-1994	Wu, Leon L.	
	5D	5,574,630	11-1996	Kresge et al.	
	5E	5,610,801	03-1997	Begis, Glenn	
	5F	6,201,701	03-2001	Linden et al.	
	5G	4,803,595	02-1989	Kraus et al.	
	5H	5,281,151	01-1994	Arima et al.	
	5I	5,635,767	06-1997	Wenzel et al.	
	5J	6,026,221	02-2000	Ellison et al.	
	5K	6,094,056	07-2000	Bardsley et al.	

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	5L					
	5M					
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	5P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	5Q	
	5R	
	5S	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Joseph P. Miller et al.

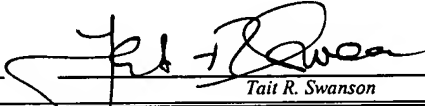
Serial No.: Unassigned
Filed: November 24, 2003

Parent Application Serial No.: 10/244,876
Parent Application Filed: September 17, 2002

For: INTEGRATED CIRCUIT
DEVICE/CIRCUIT BOARD
CONNECTION APPARATUS

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§ Group Art Unit: Unassigned
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§ Examiner: Unassigned
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§ Atty. Docket: 200304072-3
§ COMP:0105--2/FLE/SWA
§

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

EXPRESS MAIL MAILING LABEL	
NUMBER:	EV 410034398 US
DATE OF DEPOSIT:	November 24, 2003
<i>Pursuant to 37 C.F.R. § 1.10, I hereby certify that I am personally depositing this paper or fee with the U.S. Postal Service, "Express Mail Post Office to Addressee" service on the date indicated above in a sealed envelope (a) having the above-numbered Express Mail label and sufficient postage affixed, and (b) addressed to the Commissioner for Patents, Alexandria, VA 22313.</i>	
November 24, 2003 Date	 Tait R. Swanson

Sir:

**ADDENUM TO INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§ 1.97(b)(1) AND 1.98**

In compliance with the duty of disclosure under 37 C.F.R. § 1.56(a), Applicants respectfully request that this Information Disclosure Statement be entered and that the listed references be considered by the Examiner and made of record.

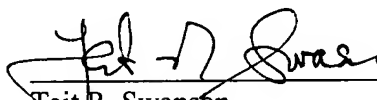
In accordance with 37 C.F.R. § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made, as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b), or as a representation that no other possibly material information, as defined in 37 C.F.R. § 1.56(b), exists.

Furthermore, the references listed on the attached Form 1449 are not to be construed as an admission that these references qualify as prior art as to the above-referenced application or any related application. Rather, these references are being presented for the Examiner's consideration without prejudice to Applicants' right to demonstrate that any of these references do not qualify as prior art should the Examiner choose to apply any of these references. In fact, these references are presented based on the references of record in the parent application.

The following information is listed on the attached Form 1449 in accordance with 37 C.F.R. §1.98. Any explanation of non-English language documents contained in this Information Disclosure Statement is believed to constitute a concise explanation of the relevance of the listed reference as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the content of the listed reference, in accordance with 37 C.F.R. § 1.98(a)(3). Regarding the Japanese reference cited in the attached form 1449, Applicants believe this reference to relate generally to mounting structures for electronic components.

Respectfully submitted,

Date: November 24, 2003


Tait R. Swanson
Reg. No. 48,226
(281) 970-4545

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 8-527-2400